

19990706.qrp v01\_n510.qrl.990706

Date: Tue, 6 Jul 1999 19:03:34 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1510

QRP-L Digest 1510

Topics covered in this issue include:

- 1) [44360] Re: ZM-2 Question - May be Open Feedline?  
by Jay Freeman <jayFreem@direcpc.com>
- 2) [44361] Waiting for SP Sprint and K5FO sale list  
by Ed Lawson <elawson@lr.net>
- 3) [44362] Re: [44272] Re: query  
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 4) [44363] Re: Gate-protected 40673's??  
by "John Moriarity" <k6qq@hdo.net>
- 5) [44364] Re: Gate-protected 40673's??  
by James Skalski <jskalski@localnet.com>
- 6) [44365] Re: Doug Hendricks and Key Fever  
by "J. W. (Dub) Thornton" <dub@oklahoma.net>
- 7) [44366] Re: Gate-protected 40673's??  
by "Vincent Ferme" <vferme@sprint.ca>
- 8) [44367] Re: Gate-protected 40673's??  
by "Vincent Ferme" <vferme@sprint.ca>
- 9) [44368] Recharging AAA alkaline cells  
by Jack Bryant <Jack.Bryant@math.tamu.edu>
- 10) [44369] Re: QRP operation  
by Rick Sealey <rsealey@InfoAve.Net>
- 11) [44370] Band  
by eddie@nac.net
- 12) [44371] Re: Key Fever  
by "Chuck Adams K5FO" <adams@ticnet.com>
- 13) [44372] Re: Band  
by "John J. McDonough" <jjmcd@tm.net>
- 14) [44373] Beach? what beach? was "it was a QSO, weren't it?"  
by S LYON <sslyon@worldnet.att.net>
- 15) [44374] WTB: Win95 "Version B" Disk  
by wb2vuo@juno.com
- 16) [44375] The QRP-ARCI Toy Store  
by Hank Kohl K8DD <k8dd@arrl.net>
- 17) [44376] Re: Beach? what beach? was "it was a QSO, weren't it?"  
by Brian Short <bshort@speedchoice.com>
- 18) [44377] BEEMS! WE DON'T NEED NO STINKIN BEEM. ;-)  
by "Rod Cerkoney" <rlw@frii.com>
- 19) [44378] July ARS Spartan Sprint

- by Michael C Boatright <ko4wx@mindspring.com>
- 20) [44379] Re: BEEMS! WE DON'T NEED NO STINKIN BEEM. ;-)  
by "Rod Cerkoney" <rlwc@frii.com>
- 21) [44380] Re: Want ten meter wire antenna suggestions  
by Jim Hale <kj5tf@yahoo.com>
- 22) [44381] Lewis Coe book  
by Bob Liesenfeld <wb0poq@visi.com>
- 23) [44382] WTD: Minicircuits MAR-1  
by Mighty Mik <mitymik@hooked.net>
- 24) [44383] Re: Anguilla Turns from the Darkside  
by Bob Patten <n4bp@bc.seflin.org>
- 25) [44384] 7X4AN  
by "Tim Cook" <timcook@erinet.com>
- 26) [44385] Re: QRP operation  
by Barry J Minsky <w2bj@juno.com>
- 27) [44386] Re: Need mfr source for dual MOSFET  
by Zack Lau <zlau@arrl.org>
- 28) [44387] Fusing grounds, why bother  
by "Mike Yetsko" <myetsko@insydesw.com>
- 29) [44388] Re: Gate-protected 40673's??  
by "Vincent Ferme" <vferme@sprint.ca>
- 30) [44389] Re: Anguilla Turns from the Darkside  
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 31) [44390] Re: Good Transistor Data Book???  
by Bruce Kizerian <kizerian@ced.utah.edu>
- 32) [44391] Fusing grounds - why bother?  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 33) [44392] OHR Spirit vs Spirit II  
by Pat Byers <pbyers@rttinc.com>
- 34) [44393] Handling Chrome Items and Paints  
by "Chuck Adams K5F0" <adams@ticnet.com>
- 35) [44394] Re: Fusing grounds, why bother  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 36) [44395] Tube QRP Xmitter -- CPCW - 5  
by HWRM1SS@aol.com
- 37) [44396] Re: Repost==== Tube QRP Xmitter  
by HWRM1SS@aol.com
- 38) [44397] Anguilla calls for qrp's  
by "David Hurley,n2zhy" <n2zhy@amsat.org>
- 39) [44398] IC706 Tune  
by Ted Beach <tedbeach@yahoo.com>
- 40) [44399] Good Morning 10-meters!  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 41) [44400] Re: Repost==== Tube QRP Xmitter  
by "Mike Yetsko" <myetsko@insydesw.com>
- 42) [44401] Hambrew  
by "Robert G. Seymour" <bobsey@juno.com>
- 43) [44402] grounds

by "Jerry W. O'Dell" <jwodell@ameritech.net>  
44) [44403] Re: Handling Chrome Items and Paints  
by "Ronald Hands" <rhands@hwcen.org>  
45) [44404] DX77T CURRENT DRAW  
by Neil Klagge <w0yse@juno.com>  
46) [44405] Re: grounds  
by Ron Keener <rkeener@realtime.net>  
47) [44406] Manuals Looking for New Homes  
by Jim Sweeden@beavton.k12.or.us (Jim Sweeden)  
48) [44407] [3830] Field Day Summary Final (fwd)  
by Bob Patten <n4bp@bc.seflin.org>  
49) [44408] Glacier/Waterton Hamfest-QRP- (fwd)  
by Bruce Rattray <rattray@gpfn.sk.ca>  
50) [44409] Re: Repost===== Tube QRP Xmitter  
by KB90CE@aol.com  
51) [44410] Re: grounds  
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
52) [44411] Re: SP Contact  
by Ed Loranger <we6w@qsl.net>  
53) [44412] Re: Jan DL night  
by "Randy Jouett" <rules@bellsouth.net>  
54) [44413] Re: Repost===== Tube QRP Xmitter  
by Gary L Surrency <gsurrency@juno.com>  
55) [44414] Manuals  
by Norm Melick <henmel@worldnet.att.net>  
56) [44415] is there a custom case  
by Scott Howell <whowell@hq.nasa.gov>  
57) [44416] Re: Gate-protected 40673's??  
by Laura Halliday <lha@sdr.utias.utoronto.ca>  
58) [44417] A nice surprise  
by "David Maliniak" <dmaliniak@penton.com>  
59) [44418] Re: grounds  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>  
60) [44419] FS: HW9/PS  
by "curt" <k3ivb@stargate.net>  
61) [44420] Re: Publish it\!  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>  
62) [44421] Re: is there a custom case  
by Bill Jones <kd7s@psnw.com>  
63) [44422] QRPp  
by Brad Mugleston <bmug@gwl.com>  
64) [44423] RE: Repost===== Tube QRP Xmitter  
by "Alex Mendelsohn" <ai2q@ispchannel.com>  
65) [44424] Re: Wamt Ten Meter Wire Antenna Suggestions  
by "Carl Zmola" <zmola@campbellsci.com>  
66) [44425] Re: is there a custom case  
by Dave Sjolín <sjolin@swbell.net>  
67) [44426] Re: grounds

- by "Mike Yetsko" <myetsko@insydesw.com>
- 68) [44427] Re: Repost===== Tube QRP Xmitter  
by Richard Rood <fcs@juno.com>
- 69) [44428] Re: Repost===== Tube QRP Xmitter  
by "Mike Silva" <mjsilva@jps.net>
- 70) [44429] Re: QRP Moonbounce?\\!?! Phooie\\!  
by Zack Lau <zlau@arrl.org>
- 71) [44430] Re: Handling Chrome Items and Paints  
by David Hinerman <wd8civ@worldnet.att.net>
- 72) [44431] grounds cont  
by "Jerry W. O'Dell" <jwodel@ameritech.net>
- 73) [44432] Re: [Re: is there a custom case]  
by Michael Fletcher <kl7ixi@usa.net>
- 74) [44433] Re: Want ten meter wire antenna suggestions  
by w4bws@juno.com
- 75) [44434] Received DC, Logic-switched, Audio-osc Rcvr Schematics.  
by "Randy Jouett" <rules@bellsouth.net>
- 76) [44435] Re: grounds  
by Steven Mann <smann@advi.net>
- 77) [44436] Re: Gate-protected 40673's??  
by Bruce Kizerian <kizerian@ced.utah.edu>
- 78) [44437] Re: Handling Chrome Items and Paints  
by "Mike Yetsko" <myetsko@insydesw.com>
- 79) [44438] Re: Handling Chrome Items and Paints  
by "John J. McDonough" <jjmcd@tm.net>
- 80) [44439] At the Beach QRP &c  
by Nils R Young <nilsbull@juno.com>
- 81) [44440] Need Simpson 311 & Bell/Howell-Devry VTVM manuals  
by George Huston <hudog@sparc.isl.net>
- 82) [44441] WTB: Kenwood TS-130V  
by N3BJ <N3BJ@hotmail.com>
- 83) [44442] Test- Do not read.  
by "Bill Legge, NT1R" <wlegge1@maine.rr.com>

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Date: Mon, 05 Jul 1999 17:54:53 -0500  
From: Jay Freeman <jayFreem@direcpc.com>  
To: "James R. Duffey" <jamesd1@flash.net>  
Cc: qrp-l@lehigh.edu  
Subject: [44360] Re: ZM-2 Question - May be Open Feedline?  
Message-ID: <378137BC.4E68768C@direcpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Dr. Mc!

I had thought of this (should have put it in my original post). I did strain the PL-259 when I raised the antenna, so I replaced it and put in a short piece of RG-8X, since the existing RG-214 really wasn't long enough anymore. The antenna works FB with my FT-990, been working all over Europe on 20m this week. I've made contacts with it on every band from 40 through 15, using the FT-990 with its built-in tuner. I even made one QSO with my DSW-40 and the ZM-2 at 1.9:1 SWR, but I didn't want to push that line of experimentation too far :). For what it's worth, I have my DWM-4 hooked up between the FT-990 and the ant, just because it's a cool kit and its fun to look at :). I see SWR readings ranging from 2.6:1 on 20m up to 6.something:1 on 30m, with other bands being in between. 160m showed 74:1, but the FT-990's tuner matched it anyway. Maybe those figures aren't accurate, being between a tuner and an ant, I don't know :)

I will certainly file away the resistor trick for future reference, that's a great idea!

72/3,

Jay

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*-----*
* Jay Freeman - WT9S                ARRL *
* G-QRP 10319 QRP-ARCI 9981 ARS 562   *
* SASS #18700                      NRA Life *
*-----*
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Date: Tue, 06 Jul 1999 00:18:40 GMT  
From: Ed Lawson <elawson@lr.net>  
To: qrp-l@lehigh.edu  
Subject: [44361] Waiting for SP Sprint and K5F0 sale list  
Message-ID: <19990706.184000@work1.grizzly.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Somehow coping with 90+ degrees in NH, but finding it hard waiting to=20  
see the first list from K5F0. Maybe the SP Sprint will provide a=20  
diversion.

In response to request, will start on 15 M.

Ed Lawson  
K1VP

-----  
Date: Mon, 5 Jul 1999 16:28:59 -0700 (PDT)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>  
To: dafouchey@home.com  
Cc: jwodell@ameritech.net, qrp-1@Lehigh.EDU  
Subject: [44362] Re: [44272] Re: query  
Message-ID: <199907052328.QAA24509@netcom11.netcom.com>

At the site of yesterday's NorCal meeting, there's a Trader Joe's that has "Fisherman's Friend" throat lozenges in a tin that's the same as the Altoids tin. Much more interesting label, and I'm a fan of the product.

73, doug

Date: Sun, 04 Jul 1999 19:47:40 -0400  
From: david fouchey <dafouchey@home.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

A pretty neat box for mints, one size is about the size of an old sardine tine but with rolled edges and a nice close able top. The Larger one is even nicer for a rig. Not to mention the mints are pretty "cool" too...

Dave WA4EMR Altoids Addict

"Jerry W. O'Dell" wrote:

>  
> What the devil is an altoids tin? We used to use sardine cans  
> and Sucrets tins.  
>  
> An invention of the devil, if you ask me.  
>  
> Must have been 9000 articles in QST about sardine can radios.  
>  
> 73 jerry w8gnd

Date: Mon, 5 Jul 1999 17:01:43 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <k6qq@hdo.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44363] Re: Gate-protected 40673's??  
Message-ID: <001301bec742\$bbcb89c0\$f8424cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Everybody,

I screwed up and hit return before reading my post =8-\

I mis-typed Dan's price for the 40673s.

It's really \$40 for ten (still not a bad price,  
considering).

Sorry if I got your hopes up!

72,

John, K6QQ

> They are all getting scarce, but Dan's Small Parts has  
> them  
> for  
> \$4.50 or 10/\$4, which is not a bad price.  
>  
> 72,  
>  
> John, K6QQ  
>  
>

-----

Date: Mon, 5 Jul 1999 20:00:40 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
To: John Moriarity <k6qq@hdo.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [44364] Re: Gate-protected 40673's??  
Message-ID: <Pine.LNX.4.04.9907051959430.636-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I have some 40673 @ 10 for \$30 if anyone needs any for projects.

73,

Jim n2go

-----  
Date: Mon, 05 Jul 1999 19:05:56 -0500  
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>  
To: qrp-l@lehigh.edu  
Subject: [44365] Re: Doug Hendricks and Key Fever  
Message-ID: <4.1.19990705181415.009209f0@mail.oklahoma.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 12:47 PM 7/5/99 -0500, you wrote:

>Gang I hope you enjoy this as much as I did!! 73 de w5jay..

WOW!!! This is an interesting post, but the first time I have ever heard a Mercury described in this manner. My serial #220 certainly does not fit the description of the paddle Doug looked at. I have to wonder if Steve's QC might have slipped somewhat toward the end? My Mercury's chrome plating is very deep and flawless, all contacts line up to absolute perfection, and while the engraving was done after the plating was installed, I can see no hint of brass showing thru the engraving. Under a lighted magnifying lamp, the engraving is very sharp, clear and simply beautiful. A heavy coat of (& I understood the Mercury was double plated), would tend to round the edges of the plating, detracting from its appearance. (to me) I WOULD object to the engraving being thru the plating, into the brass.

I have noted one area where the paddle could have been improved. The class of fit between the screws, knurled nuts, & posts where you adjust the spacing for contacts and magnets could have been a bit tighter for my taste. With the threads being plated after mfg., this is a bit of a sticky situation, where heavy plating COULD cause the fit to be too tight. This all said, the fit is about the same as what you buy from the hardware store between screw (bolt) & nut, and in no way detracts from the performance/looks/anything of the paddle, once the knurled nut is locked down. I just had to find SOMETHING to nitpick, and this is the best I could do. hi

I am anxious to see this mystery paddle, along with the Hensley and



Bencher. Looks like we are going to have no shortage of quality paddles in the near future, eh? "72"

>

>Jaybob, please post this to qrp-l for me. I have a hot mail account and >can't post from this account.

>=====

>

The improvements include an absolutely flawless finish, and all parts >that >line up exactly. In fact, that lining up of parts is why I don't have >the >paddles now.

>Another interesting fact is that N2DAN would plate his bases, then would >engrave the call through the plating as the paddles were sold. This >left >the call in brass, but "broke" the surface of the plating. The new >paddles >are much nicer in my opinion as the call is engraved first, and then the >base is plated, thus the call is also plated. >

-

J. W. (Dub) Thornton WA5YFY  
Minco, OK.

-----

Date: Mon, 5 Jul 1999 20:11:37 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [44366] Re: Gate-protected 40673's??  
Message-ID: <001b01bec744\$1e2e31c0\$8d3167d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The BF981 is a replacement for the 40673, I think. For less than a dollar a piece, it is worth a try.

73 de Vince, VE3VFN.

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Date: Mon, 5 Jul 1999 20:12:39 -0400

From: "Vincent Ferme" <vferme@sprint.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44367] Re: Gate-protected 40673's??  
Message-ID: <002101bec744\$430299a0\$8d3167d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sorry, another one: BF905

> The BF981 is a replacement for the 40673, I think. For less than a dollar  
> a  
> piece, it is worth a try.  
>  
> 73 de Vince, VE3VFN.  
>

-----  
Date: Mon, 5 Jul 1999 19:39:46 -0500 (CDT)  
From: Jack Bryant <Jack.Bryant@math.tamu.edu>  
To: qrp-1@Lehigh.edu  
Subject: [44368] Recharging AAA alkaline cells  
Message-ID: <199907060039.TAA01725@fourier.math.tamu.edu>

At what rate are rechargeable alkaline AAA cells charged?  
I'm using 20 ma constant current now.

-Jack W5TFB

-----  
Date: Mon, 05 Jul 1999 21:24:48 -0400  
From: Rick Sealey <rsealey@InfoAve.Net>  
To: qrp-1@lehigh.edu  
Subject: [44369] Re: QRP operation  
Message-ID: <4.1.19990705212010.00943c50@mail.infoave.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"

At 11:53 PM 07/04/1999 -0400, you wrote:

>Yes, most QRP operation is CW. However, there are many who operate QRP  
>SSB.

>-----SNIP-----

>72/73,

>Barry J. Minsky, W2BJ

-----  
Yes, and also some are using RTTY, SSTV, PSK31 and other modes. Not as many as the CW majority but there are other activities.

Rick - W4SEA

-----  
Date: Mon, 5 Jul 1999 21:38:08 -0400  
From: eddie@nac.net  
To: qrp-l@lehigh.edu  
Subject: [44370] Band  
Message-ID: <199907060136.VAA51294@nss4.cc.lehigh.edu>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

What is the band that everyone on this list frequents?

Eddie  
KC2DYG  
new QRPer

-----  
Date: Mon, 5 Jul 1999 21:07:53 -0500  
From: "Chuck Adams K5F0" <adams@ticnet.com>  
To: dub@oklahoma.net  
Cc: qrp-l@lehigh.edu  
Subject: [44371] Re: Key Fever  
Message-ID: <E111JYF-0005wm-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Like Dub's my Mercury (#300) has no brass showing through the engraved call sign of K5F0.....

I also have perfect alignment on all the contacts, so if #300 was the highest number and I have had noone come forward with a higher number it was well done just like

the others. There was one other assembled Mercury after mine, but it had a lower number and Jerry has documented that one.

It will interesting to see how all the clones pan out... :-) Of note to all you machinists. Mitch Mitchell at Vibroplex will confirm this --- there are no patents on any paddles, bugs, or straight keys. Anyone is free to copy them. Now some attorney may disagree with this with some other laws unknown to me and others, but until we hear otherwise this seems to be the current state.

Wayne, K8FF, and others can fill in the gaps if I omitted anything or gave the wrong information.

All variations of Iambic Paddles, Bugs, and Straight Keys do not enhance or create anything not known for some time and is generally in the public domain.....

This is not to start a flame war and get anyone's feathers ruffled. Just information that has been passed on to me lately.

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Mon, 5 Jul 1999 22:15:05 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <eddie@nac.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [44372] Re: Band  
Message-ID: <001201bec755\$5f71e580\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Eddie

40 meters, especially 7.040, is a popular frequency, but it seems like you can hardly listen to 14.060 for 10 minutes without hearing someone from this list. I've also run across folks on 15 and 10 as well, but nothing like 20.

It seems like the vast majority of QRP single-band rigs are built for 40, but the way the spots are these days, 20 is a lot more effective. Of course, come the winter, 20 will become a more or less daytime band, and then you'll need to go to 40 to find anything. Of course, the winter also brings the QRP-L foxhunt, which provides a lot of 40 meter entertainment 2 nights a week during the winter.

Hope this helps  
72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----Original Message-----

From: eddie@nac.net <eddie@nac.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Monday, July 05, 1999 9:40 PM  
Subject: Band

What is the band that everyone on this list frequents?

Eddie  
KC2DYG  
new QRPer

-----  
Date: Mon, 05 Jul 1999 22:10:56 -0400  
From: S LYON <sslyon@worldnet.att.net>  
To: nilsbull@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [44373] Beach? what beach? was "it was a QSO, weren't it?"  
Message-ID: <378165B0.E1EF25AC@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

soooo... when, where, what should we be listening, Nils?  
-s-

Nils R Young wrote:

>  
> Gang,  
>  
> Cindy & her family had a 4th of Julio cook out at her brother Don's digs

> in Xenia. She left early, while I was tearing the place apart trying to  
> find a very small tube of heat sink putty that I had somewhere and  
> probably won't find again, even if I did put it someplace logical after I  
> finally found it. So I come straggling in over at Don's about 12:59 &  
> plunk myself down on the patio.  
>  
> Don's got two grills going, one with three drunken chickens in it & the  
> other with some corn roastie-toastin'. I sit around for a while, drink  
> plenty of agua ('cause it's like maybe 104 degree F heat index, even in  
> the back yard under the trees &c) and then go out to the car & get the  
> traveling radio box.  
>  
> There's Walter's telescoping pole from Germany, some coat hanger tent  
> pegs for three-point tie down if needed, wire, wire, rope & some more  
> wire. And the aluminum briefcase bomb of radios. So I set up on the patio  
> table while the rest of the family comes over, wondering what the hell it  
> is that makes me so weird.  
>  
> While the chicken's staggered to their doom, I had a QSO with southeast  
> Ohio. K8KWH, Kent, if memory serves (the paper's in the bag). He was  
> runnin' 100 W with a Kenwood 900-series rig & me on the K2 with 50 ft of  
> wire hanging from the 33 ft pole & in the trees. And a ground wire  
> crocillator clipped to the chain link fence. He was 599, as you'd expect.  
> And I was 599, as I would have expected, at 5 watts into all that wire.  
>  
> I guess that proves that the traveling radio box is ready for a trip to  
> the beach next weekend.  
>  
> And sure, it was only from Xenia, OH to Newport, OH, but it was a QSO,  
> man!  
>  
> Yeeehah!  
>  
> 73  
> Nils  
> . . . and if I can remember before we take off, I'm gonna be sittin'  
> beach side with the vodka, the family & the radio watchin' the surf &  
> scenery by next weekend, so y'all listen up fer me, y'heah? (Did anyone  
> notice the order of priorities there?)  
> -----  
> Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes  
> WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com  
> "In my day we had to FIGHT to have email! Every day was a struggle!"  
> -- Comrade Sergei Nikolaievich  
> McTovarishov  
>  
> -----  
> Get the Internet just the way you want it.

> Free software, free e-mail, and free Internet access for a month!  
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Mon, 5 Jul 1999 22:18:19 -0400  
From: wb2vuo@juno.com  
To: qrp-l@lehigh.edu  
Subject: [44374] WTB: Win95 "Version B" Disk  
Message-ID: <19990705.221848.-186313.0.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I just had the computer in the shop, and there was a mixup somewhere. I ended up getting the wrong Win 95 OEM disk back (or it got swapped accidentally sometime earlier)

I have the Win95 "B" version installed, (CAB files dated 8-96) but the disk I got back is the "0" disk (CAB files dated 7-95)

Has anyone on the List recently upgraded to Win98, or switched to Linux, and might have the Win95 "B" disk and book for the full install tthey would be willing to part with? (or the "C" disk and book would be OK, too)

Drop me a direct reply here, or at the club (bbams@juno.com)

Thanks

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp  
My night light runs more power than my Rig!!!

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Mon, 05 Jul 1999 22:19:13 -0400  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [44375] The QRP-ARCI Toy Store  
Message-ID: <4.1.19990705221755.0164bf10@192.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

-----  
The QRP-ARCI Toy Store has new merchandise.  
Take a look at <http://www.tir.com/~k8dd/thetoystore.htm>.  
Let me know how it looks on  
your browser.  
Hank Kohl K8DD <k8dd@arrl.net>  
Port Huron, MI USA - Monday, July 05, 1999 at 20:37:50 (EDT)  
-----

```
*****
*                                     *
*      The QRP-ARCI Toy Store        *
* http://www.tir.com/~k8dd/thetoystore.htm *
*                                     *
*****
```

-----  
Date: Tue, 06 Jul 1999 02:39:22 +0000  
From: Brian Short <bshort@speedchoice.com>  
To: qrp-l@lehigh.edu  
Subject: [44376] Re: Beach? what beach? was "it was a QSO, weren't it?"  
Message-ID: <4.1.19990706023725.050e08c0@mail.phoenix.speedchoice.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

"Life's A Beach!"

At 02:10 AM 7/6/99 , you wrote:  
>soooo... when, where, what should we be listening, Nils?  
>-s-

>> . . . and if I can remember before we take off, I'm gonna be sittin'  
>> beach side with the vodka, the family & the radio watchin' the surf &  
>> scenery by next weekend, so y'all listen up fer me, y'heah? (Did anyone  
>> notice the order of priorities there?)

--  
Brian K. Short <http://www.qex.net/k7on/> <mailto:k7on@arrl.net>  
--



-----  
Date: Mon, 5 Jul 1999 21:21:41 -0600  
From: "Rod Cercone" <rlc@frii.com>  
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>  
Subject: [44377] BEEMS! WE DON'T NEED NO STINKIN BEEM. ;-)  
Message-ID: <000a01bec75e\$b195f280\$188711d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Folks:

So, I workin' the ARS sprint. Made 5 or 6 contacts. The Icom-746 is cruisin' along nice at one watt, filters open wide to catch off freq stuff, SWR low on my attic dipole. I'm feelin' pretty good.

Hey what this no contest CQ from ZL1BSG? Narrow up the filters, dial him in at 20158. He finishes his QSO I drop my call, nada. He finishes another QSO--I'm not letting him get away, so crank up the, all the way, a full 5 watts on my OHR WM-1, I'm feelin' \_BIG\_. Drop my call again, darned if he didn't come back with a 549.

Finished the QSO, and switched of the RIG for the night. Sometimes it's good to quit while your ahead. ;-)

tu & 72, Rod, N0RC (patiently waiting for my K2 in CO)

-----  
Date: Mon, 05 Jul 1999 23:27:47 -0400  
From: Michael C Boatright <ko4wx@mindspring.com>  
To: QRP-L <grp-l@Lehigh.EDU>  
Subject: [44378] July ARS Spartan Sprint  
Message-ID: <378177B3.BB4E4346@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Wow! Nice to have some life back in 20! Good signals for the entire hour I worked. Double my score from previous SP in same amount of time. Think I'll take only my NC20 for the BB TST. Log:

UTC	CALL	FREQ	SENT	RCVD
0152-06JUL99	WA2WSJ	14	559GA5W	559PA5W
0224-06JUL99	K1CL	14	579GA5W	55NMA4W
0232-06JUL99	N2CQ	14	449GA5W	339NJ5W
0235-06JUL99	N5JI	14	55NGA5W	55NTX5W
0240-06JUL99	AA7QU	14	579GA5W	449OR4W
0246-06JUL99	KB7MBI	14	557GA5W	559WA5W
0252-06JUL99	AF5Z	14	579GA5W	579GA5W
0255-06JUL99	K5LN	14	559GA5W	559TX5W

How many NC20-NC20 QSO's I wonder?

Station weighed in at 2lbs: NC20, small battery & keyer/filter.

72 de Mike, K04WX

--

Mike Boatright, K04WX  
District EC, GEMA, Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man  
contemplates it, bearing within him the image of a cathedral.  
Antoine de Saint-Exupery

-----

Date: Mon, 5 Jul 1999 21:43:50 -0600  
From: "Rod Cerkoney" <rlw@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: <gdavey@pacbell.net>  
Subject: [44379] Re: BEEMS! WE DON'T NEED NO STINKIN BEEM. ;-)  
Message-ID: <003801bec761\$c6588e00\$188711d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Rod Cerkoney <rlw@frii.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Monday, July 05, 1999 9:21 PM

Subject: BEEMS! WE DON'T NEED NO STINKIN BEEM. ;-)

...  
> Hey what this no contest CQ from ZL1BSG? Narrow up the filters, dial him  
in  
> at 20158. He finishes his QSO I drop my call, nada. He finishes another  
...

OOPS 21058 of course. TNX Gary.

tu & 72, Rod, NØRC

-----  
Date: Mon, 5 Jul 1999 20:45:43 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [44380] Re: Want ten meter wire antenna suggestions  
Message-ID: <19990706034543.18285.rocketmail@web705.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

A wire quad is easy to make, and can be done in a tree, or inside. Triangles work just as well as a square quad. And needs less support points - 3 vs 4 per element.

Another simple wire antenna with gain and directivity over a dipole, is the half square. A person could hang one of these outside an apartment, and hand laundry to dry on it. Hi

See a picture on my "tree quad" and construction details for the half square on the Arkansas QRP Club website...  
OH, my half square has a inverted Vee dipole attached so you get two resonant bands from 1 coax.

Check it out...

<http://members.xoom.com/VLantz/arqrp/ant1.htm>

72/3'z de Jim KJ5TF AR QRP #2

-----  
Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Mon, 05 Jul 1999 22:22:14 -0500  
From: Bob Liesenfeld <wb0poq@visi.com>  
To: QRP-L reflector <qrp-l@lehigh.edu>  
Subject: [44381] Lewis Coe book  
Message-ID: <37817666.261E757B@visi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gang,

Several people have asked for more info on this book, so here is the scoop:

"Wireless Radio: A Brief History" by Lewis Coe  
Published by McFarland & Co. 1996  
ISBN 0-7864-0259-8

72

--

Genuine E-mail From the Land of the Everlasting Icicle...  
Bob Liesenfeld  
wb0poq@visi.com

-----  
Date: Mon, 05 Jul 1999 21:58:05 -0700  
From: Mighty Mik <mitymik@hooked.net>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [44382] WTD: Minicircuits MAR-1  
Message-ID: <37818CDA.C564C38A@hooked.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

anyone sitting on a couple of MAR-1s? what do you want for them?

--

@@

72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441  
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.

Aeropac #111      Tripoli #3071      Level 2

-----  
Date: Tue, 6 Jul 1999 01:06:22 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: "David Hurley, n2zhy" <n2zhy@amsat.org>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [44383] Re: Anguilla Turns from the Darkside  
Message-ID: <Pine.3.89.9907060118.A17390-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 5 Jul 1999, David Hurley,n2zhy wrote:

>  
> Help turn this poor guy from the darkside. Look for vp2erem (yup, four  
> letter suffix) and go back to his cq with "qrp"! His home call is  
> wb2rem.

>  
Yep, worked Jim a couple of days ago on 15 Meters using 5W. Great  
signal, but very few takers from his CQ's...

73,

Bob Patten, N4BP      ' ' ' ,      ( 0 0 )      Plantation, FL  
-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

-----  
Date: Tue, 6 Jul 1999 01:59:14 -0400  
From: "Tim Cook" <timcook@erinet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44384] 7X4AN  
Message-ID: <02d801bec774\$ad828b20\$44735acf@timcook.erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

For those who are up at this time ( 0558Z) , 7X4AN is very workable qrp from

the midwest (ohio) he is on 14.008 now..... was a new one qrp for me, maybe others need him...  
nz8j

-----  
Date: Mon, 5 Jul 1999 23:16:07 -0400  
From: Barry J Minsky <w2bj@juno.com>  
To: rsealey@InfoAve.Net  
Cc: qrp-l@Lehigh.EDU  
Subject: [44385] Re: QRP operation  
Message-ID: <19990706.065836.-350391.0.w2bj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks for the comment. You are absolutely correct. We shouldn't forget those other modes.

On Mon, 05 Jul 1999 21:24:48 -0400 Rick Sealey <rsealey@InfoAve.Net> writes:

>At 11:53 PM 07/04/1999 -0400, you wrote:

>>Yes, most QRP operation is CW. However, there are many who operate

>QRP

>>SSB.

>>-----SNIP-----

>>72/73,

>>Barry J. Minsky, W2BJ

>-----

>

>Yes, and also some are using RTTY, SSTV, PSK31 and other modes. Not as many

>as the CW majority but there are other activities.

>

>Rick - W4SEA

>

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723  
Amateur Radio Missionary Service

-----

Date: Tue, 06 Jul 1999 08:14:23 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-1@lehigh.edu  
Subject: [44386] Re: Need mfr source for dual MOSFET  
Message-ID: <3781F31F.A7C92110@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
  
[http://www-us.semiconductors.com/handbook/chapter\\_347.html](http://www-us.semiconductors.com/handbook/chapter_347.html)  
Phillips makes new dual gate MOSFETs. Zack W1VT

-----  
Date: Tue, 6 Jul 1999 08:14:46 -0400  
From: "Mike Yettsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44387] Fusing grounds, why bother  
Message-ID: <00f701bec7a9\$245e1aa0\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I think some people are missing the point, and that is WHY should you fuse automotive grounds when attached to the battery.

In normal use, the radio draws power off the V+ and the return is the ground.  
If you run to the chassis, It probably isn't an issue. But if you take the time to run to the battery, most people run both leads.

Now consider the car. In normal operation a car can draw 60 amps or more, but that is usually 'balanced' by the battery charging. Net zero. when the engine is not running.... Hopefully only for short times!

But there is a real problem when the engine starts. HUNDREDS of amps flow through a starter. In fact, most experts for years said that car engines could absolutly NOT be started by an electric motor. But they went on 'long term' motor assessments. The guy who invented electric starters (I read somewhere his wife was killed by a motor 'kickback' with a hand

crank) decided that starters could be operated for short times just short of destruction, as long as they didn't overheat. The power here is quite amazing.

As a result, the potential for I-squared-R losses in the loop are quite large.

No one cares if the grounding strap comes off the engine, you're car should have problems long before that. But cables corrode and connections deteriorate, and your car may appear to be operating just fine. Except that when you start, the battery ground and vehicle ground are not the same thing.

So, if your rig is grounded at the battery, and you have the rig also grounded at the chassis or the antenna, and the power ground isn't 'isolated', you could have a current loop with MANY amps flowing, even in a car that appears to work and have no problems. You could be bypassing the battery to chassis ground with a battery to rig to chassis or rig to antenna ground.

Put a fuse there! If it pops, look for a problem! It may even solve some noise problems.

Mike Yetsko  
N1DVJ

-----  
Date: Tue, 6 Jul 1999 08:17:39 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: <qrp-1@lehigh.edu>  
Subject: [44388] Re: Gate-protected 40673's??  
Message-ID: <002f01bec7a9\$8b8fa540\$661105d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit



Hi Guys,

A couple of clarifications:

1) as per my notes, gathered over the years, both the BF905 and BF981 are possible substitutes for the 40673. I have never used them myself, I'm only trying to help. If in the end they are not equivalents, I apologize.

2) as for my quoting a price, it was NOT, I repeat NOT, an implicit or open criticism to whoever is selling the real 40673. It never crossed my mind and is none of my business.

73 de Vince, VE3VFN.

> >Sorry, another one: BF905

> >

> >> The BF981 is a replacement for the 40673, I think. For less than a dollar

-----  
Date: Tue, 6 Jul 1999 07:31:14 -0500  
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
To: <n2zhy@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44389] Re: Anguilla Turns from the Darkside  
Message-ID: <000c01bec7ab\$715fee80\$db37a497@aa5tb>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I worked Jim this morning (July 6) at 1222 UTC on 14.0252 MHz with 5W and a dipole. We'll convert him yet!

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://home.swbell.net/aa5tb>

-----  
Date: Tue, 06 Jul 1999 06:50:58 -0600

From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: jrybak@mesastate.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [44390] Re: Good Transistor Data Book???  
Message-ID: <3781FBB1.CF79AF7E@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> Can someone please recommend to me a good transistor data book which  
> currently is published or is only fairly recently out of print?

Mototola's "Small-Signal Transistors, FETs, and Diodes" DL126. Don't know if it is still available, but it is fairly recent. Very good source for data on a bunch of discrete devices.

Bruce kk7zz

-----  
Date: Tue, 06 Jul 1999 23:08:39 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [44391] Fusing grounds - why bother?  
Message-ID: <3781FFD7.B654769@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

> The guy who invented electric starters  
> (I read somewhere his wife was killed by a motor 'kickback' with a hand  
> crank) decided that starters could be operated for short times just  
> short

As I recollect, Percy Hiram, the father of ARRL, and an Orstrayun (think about it), died by misadventure with his H.T. Supply whilst writing an article about electrical safety for QST.

Sorry, we have a particularly good sherry this evening, (Oz time).

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
Budgewoi N.S.W. Australia  
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic>  
URL - <http://www.qsl.net/vk2tip/>  
"By definition, a government has no conscience. Sometimes it has a  
policy, but nothing more". - Albert Camus

-----  
Date: Tue, 06 Jul 1999 07:37:48 -0600  
From: Pat Byers <pbyers@rttinc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [44392] OHR Spirit vs Spirit II  
Message-ID: <4.1.19990706073239.009a9b30@mail.rttinc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all,

A few months ago I had the pleasure of acquiring an OHR Spirit transceiver.  
It's not very portable but it's a fine performer on 20m. Recently I've run  
across references to the Spirit II in the QRP-L archives. Since the manual  
for my radio designates it as model SP-1, I'm assuming it's not a Spirit II.

My question to all the OHR experts out there is, "What's the difference  
between a Spittit and a Spirit II?"

Thanks in advance for your help.

72,

Pat Byers, VE6AAN  
Lacombe, AB

-----  
Date: Tue, 6 Jul 1999 09:13:41 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: qrp-l@lehigh.edu  
Subject: [44393] Handling Chrome Items and Paints  
Message-ID: <E111Uso-0002SY-00@pop3.ticnet.com>  
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Gang,

Since the discussion has come up on "fine" paddles usually triple chrome plated (and that doesn't mean they were dipped three times --- see WorldBook Encyclopedia --- it has to do with the thickness of the plating).

I don't like to get fingerprints on chrome. So I have two choices. Go to Drug Emporium or other drug-store. They have surgical gloves (latex) that sell for about \$5.00 for 50 gloves (not pairs) in various sizes. I use these puppies when working with paint removers or other chemicals that I don't want on my fingers...

Surgical gloves cause significant perspiration, so I don't like using them if I don't have to.

So, if you have a running store for the athletic types (Run On! is the big store here in Dallas) or other similar store then go in and ask for running gloves. These are white cotton gloves that are thin enough to handle things like the Mercury, Hensley, etc. The store may not have the gloves out now that it is summer time, but they may have them in the "back" somewhere. They aren't cheap at \$7-8 a pair, but hey if you spent \$500 on a paddle..... :-) ;-) The sales lady looked at me funny when I came bouncing in the other day asking for the gloves in 99 degree wx. Asked me if it was cold outside? :-) ;-)

There are probably sources of cheaper options, but these two work for me too and I give the info to you. Too much to learn.... :-)

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----

Date: Tue, 06 Jul 1999 10:24:14 -0400

From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [44394] Re: Fusing grounds, why bother  
Message-ID: <3782118E.BFD@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In mobile installations, some manufacturers stipulate that the negative lead of the radio should be connected to the engine block or chassis; others say to connect the negative lead to directly to the battery.

If the negative lead is connected to the engine block or chassis it should NOT be fused. If the fuse fails, the shield of the coax feeding the antenna could act as the return path, if the chassis of the radio is not grounded. This will increase the likelihood of noise and, for high powered rigs, could exceed the safe current-handling capability of the coaxial cable.

If the negative lead is connected directly to the battery, both the positive and negative leads should be fused as close to the battery as possible. The negative lead must be fused to protect the wiring against the possibility of high starter currents. If the connection between the battery and engine block were to fail, and corrosion inside engine compartments does take its toll, when the starter was engaged, as much as 200 A could attempt to flow through the negative lead, the radio chassis and/or the coaxial cable. This would be an unsafe condition that could even start the wire insulation on fire. With a fuse, the fuse will blow, the starter won't turn and there is no risk of engine- or passenger-compartment fire from the overloaded negative lead. There is still a possibility that if the fuse opens, the return path for the radio will be the coaxial cable shield, etc., but that is the lesser of two evils compared to 200 A through a small wire.

The most important factor is that if an auto manufacturer has installation guidelines (Chrysler, GM and Ford all do -- they are reprinted in the ARRL RFI Book), they should be followed exactly if you want the manufacturer to support the installation.

73,  
Ed Hare, W1RFI  
ARRL Lab

-----  
Date: Tue, 6 Jul 1999 11:03:09 EDT

From: HWRM1SS@aol.com  
To: microres@crl.com, njqrp@njqrp.org, qrp-1@lehigh.edu  
Subject: [44395] Tube QRP Xmitter -- CPCW - 5  
Message-ID: <b21b0725.24b374ad@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRPer's:

I have built the CPCW - 5 transmitter kit -- works well -- use it on 40 meters -- kit is a little pricey but this is due in large part to the price of a good transformer. Tubes are still plentiful and cheap if you know where to go -- I'm still purchasing mine for a little over ONE DOLLAR EACH (7 and 9 pim miniature) -- don't let anyone BS you to the contrary.

Tnx es 72

Howard K3HW

-----  
Date: Tue, 6 Jul 1999 11:06:54 EDT  
From: HWRM1SS@aol.com  
To: rong@slip.net, njqrp@njqrp.org, qrp-1@lehigh.edu  
Subject: [44396] Re: Repost==== Tube QRP Xmitter  
Message-ID: <353d7dc4.24b3758e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Safe for a Child???

I was building tube radios at the age of 12 -- I survived -- why don't we contact the Clinton administration to regulate the QRP industry !!!

Come On !!!

Howard K3HW

-----  
Date: Tue, 06 Jul 1999 11:10:17 -0400  
From: "David Hurley,n2zhy" <n2zhy@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [44397] Anguilla calls for qrp's

Message-ID: <37821C59.6F6D621D@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well guys we did it!

Worked Jim vp2erem yesterday on ten meters. Couldn't believe my ears!  
He actually stops periodically and calls for qrp's!

As of yesterday he was over 3000 contacts. Phew!

He has a sched today at 2130z on 28.400+. Propagation peaked to the  
East Coast yesterday about 2230. Easy easy ssb/qrp contact. He leaves  
the island on Thursday. Qs1 is via his home call wb2rem (no extra "e").

Oh! Does anyone remember whether it was the Quarterly or one of the  
DeMaw books that had the plans for the double light saber? The green  
one, not the red one.

72  
David,n2zhy  
Princeton,NJ

-----  
Date: Tue, 6 Jul 1999 08:11:58 -0700 (PDT)  
From: Ted Beach <tedbeach@yahoo.com>  
To: qrp1 <qrp-1@lehigh.edu>  
Subject: [44398] IC706 Tune  
Message-ID: <19990706151158.20770.rocketmail@web601.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I have been reading the thread on the tune device for  
the IC706.

Quite frankly, I do not see the real need for the  
device. I usually tune the rig by pressing the MODE  
switch to change to AM, then just hit the PTT switch  
on the mike. The output on AM is 1/4th normal [25W for  
max, less if ALC is engaged] and usually suffices to  
tune the tuner.

I also often pop the MODE switch one more time to set  
to FM, where max power is available. Then another push  
or so and back to CW! Works for me!

72/73

Ted Beach - K4MKX

===

Ted Beach

-----  
Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Tue, 6 Jul 1999 10:40:27 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [44399] Good Morning 10-meters!  
Message-ID: <000001bec7c5\$e013eec0\$d8016f81@uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well,

It appears that 10-meters is awake most of the time now. Having been through two previous solar cycles, let me tell you 10-meters is the "wonder band." When it's open it's REALLY open. It's quiet, little or no static, and very little man-made noise. Now if we can just keep the CBers away! ;)

Kevin, WB5RUE

<http://www.qsl.net/wb5rue>

In the 1960's they took prayer and the Ten Commandments out of our public schools hoping to liberate a generation. They succeeded. Now we have a generation who thinks they have the liberty to lie, cheat, steel, kill....

-----  
Date: Tue, 6 Jul 1999 11:39:12 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <HWRM1SS@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44400] Re: Repost==== Tube QRP Xmitter  
Message-ID: <001201bec7c5\$b66e01a0\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;



charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>Safe for a Child???

>

>I was building tube radios at the age of 12 -- I survived -- why don't we

>contact the Clinton administration to regulate the QRP industry !!!

>

>Come On !!!

>

>Howard K3HW

I know, everyone is stupid! Wonko the Sane had it right. When the world gets to the point that they need to put instructions on a box of toothpicks... Don't get me started on liberals and Clinton and the 'know better for you' crowd!!

I built tube stuff back in 6th (or maybe 5th, but I KNOW it wasn't 7th or later) grade. There was this thing called the "American Basic Science Club". It was I think \$25 to join (a HECK of a lot of money back in the mid 60's) and then every month you got a piece of a kit for something like \$5. It went for 9 months total. Used to be advertised inside the back covers of comic books.

Anyway, the first kit was 'the box' that had the power supply. It was cardboard about the size of a large cigar box, and the top lid was fiberboard. With the first kit you made a power supply and started down the road. Each kit built on the previous kit, using what you learned to take it further. I remember a 12AX7 amplifier. I built a carbon granule microphone. I think there was also a 50C5(?) and another 35xxx tube. I remember a strobe light with a neon bulb. And by the fifth kit you had built a regen radio receiver that could be used as a transmitter.

I didn't get beyond the 5th kit. My parents had bought the start through

5 as a one-shot, and the company screwed up and never sent more.

I fondly remember learning how to solder to tie point strips back then. Hmm, 6th grade, that would have been 1964 at Christmas...

Mike Yetzko  
N1DVJ

-----  
Date: Tue, 6 Jul 1999 15:43:43 -0500  
From: "Robert G. Seymour" <bobsey@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [44401] Hambrew  
Message-ID: <19990706.154346.2662.0.BOBSEY@juno.com>

Some one on the list was looking for back issues of Hambrew magazine but I lost the address. If still looking e-mail direct and I can help.

Bob, WOLK

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Tue, 06 Jul 1999 11:48:04 -0400  
From: "Jerry W. O'Dell" <jwodel@ameritech.net>  
To: qrp-1@lehigh.edu  
Subject: [44402] grounds  
Message-ID: <19990706154944.JHV6465@default>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I wonder just how often the engine ground comes loose.  
Had a friend in high school with a 30 year old car where it happened.

I'll bet the odds are less than one in a million -- anyone got any data?

73 jerry w8gnd

-----  
Date: Tue, 6 Jul 1999 11:53:48 -0400  
From: "Ronald Hands" <rhands@hwcn.org>  
To: <adams@ticnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44403] Re: Handling Chrome Items and Paints  
Message-ID: <001d01bec7c7\$e3030d80\$e15ed4c7@default>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Chuck wrote:

>  
> So, if you have a running store for the athletic types  
> (Run On! is the big store here in Dallas) or other  
> similar store then go in and ask for running gloves.  
> These are white cotton gloves that are thin enough to  
> handle things like the Mercury, Hensley, etc>

Another likely source is any good photographic store. All good darkroom workers use white cotton gloves when handling negatives so they're a standard item -- and I suspect they may even be a lot more economical than anything from a runner's store (runner = yuppie = automatic 200% markup).

-- Ron VE3SP  
Hamilton, ON

-----  
Date: Tue, 6 Jul 1999 09:57:09 -0600  
From: Neil Klagge <w0yse@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [44404] DX77T CURRENT DRAW  
Message-ID: <19990706.095710.-137197.2.w0yse@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

GANG,

This message was inspired by N4BP's IC-706 post on his current draw, and by the requests to share info in general.

For those interested, my DX77t xcvr draws the following amounts:

Receive Backlight off: 650 ma  
Backlight on #3=735 ma  
Backlight on #5=777 ma  
(all these with volume at 12:00 position)

Transmit 5w 4.0 amperes  
1w 2.53 A  
0.5w 2.1 A  
0 w 1.25 A

(these include the receive current + tx waste of 0.5 A)

I figured that during normal operation with 50% duty cycle on SSB or CW transmit and 50% of the time on receive, I would probably average about 1.25 A at the 1 watt level, and about 2.2A at the 5w level.

I would not back pack with it, tee-hee, but for a QRPTTF or similar activity it would be quite usable.

72 , Neil, w0yse, a QRP-L digest reader.  
"Of all the things I've lost, I miss my mind the most."

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Tue, 06 Jul 1999 11:16:31 -0500  
From: Ron Keener <rkeener@realtime.net>  
To: jwodell@ameritech.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [44405] Re: grounds  
Message-ID: <37822BDF.21F1@realtime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

grounding strap no longer working on my GMC motorhome as of this past week - it looks good and is tight on both ends but my problems went away when I paralleled it with a second strap - year is 1978 but only 70,000 miles

BTW I run the rig power leads straight to the 'living quarters' deep cycle battery bank - both leads are fused - rig is not grounded but coax shield is at the base of the screwdriver antenna

--

ron keener near Austin, Texas <http://MidAmericaBreedingTech.com>

\* Amateur radio station WA0REE  
\*\*\*\*\*

-----  
Date: Tue, 06 Jul 1999 09:24:45 -0700  
From: Jim\_Sweeden@beavton.k12.or.us (Jim Sweeden)  
To: QRP-L@LEHIGH.EDU  
Subject: [44406] Manuals Looking for New Homes  
Message-ID: <fc.000f47cb009e12b7000f47cb009e12b7.9e1315@beavton.k12.or.us>  
MIME-Version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

I have the following manuals available for only the cost of shipping.  
Please e-mail me direct if you are interested in one and I will let you  
know the postage cost. If I get more than one request for a manual I can  
photo copy it and add that cost to the postage.

Simpson Model 269-Series III Volt/Ohm/Microammeter  
Simpson Model 270 Volt/Ohm/Milliammeter  
B&K 2910 Resistor/Capacitor Substitution Box  
B&K Model 970 Radio Analyst  
Realistic TRC-100B CB Transceiver  
Realistic TRC-99 CB Transceiver  
Sencore SM 152 Sweep & Marker Generator  
Telequipment Type S54 & S54R Oscilloscope  
Jackson Model 648-1 Tube Tester Schematic

Hope these can be used as hate to just throw them away.

72,

James Sweeden  
KB7LJP

-----  
Date: Tue, 6 Jul 1999 12:31:54 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: QRP-L Reflector <qrp-l@lehigh.edu>, Kevin Bunin <sbrowrdbor@aol.com>, Kevin  
Bunin <p014455b@pb.seflin.org>  
Subject: [44407] [3830] Field Day Summary Final (fwd)  
Message-ID: <Pine.3.89.9907061202.A24690-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Content-Transfer-Encoding: QUOTED-PRINTABLE  
Content-Transfer-Encoding: QUOTED-PRINTABLE

----- Forwarded message -----

Date: Tue, 06 Jul 1999 07:29:00 -0700  
From: Michael Dinkelman <mwdink@eskimo.com>  
To: 3830@contesting.com, cq-contest@contesting.com  
Subject: [3830] Field Day Summary Final

## Field Day Summary Final

Just for Fun - the No Contest Contest results

```
~~~~~  
Call          QSOs   Bonus Score  
1A  
W4AC (QRP)      844  500    8,940    SFL  
WA4IMC          1,727 100    4,810    NFL  
KE9R            913  400    3,696    IN  
N4ROA           404  300           =20
```

```
~~~~~  
Call          QSOs   Bonus Score  
1B  
N4BP            799  800    8,560    SFL  
AB7E(K7ZB)      632  200    6,320    =20
```

```
~~~~~  
Call          QSOs   Bonus Score  
1C  
W3TB            336           3,360    RI
```

```
~~~~~  
Call          QSOs   Bonus Score  
1D  
ND5S            251           614    MI  
KC5AC           100           200    =20  
PY2NY           40            47    =20
```

```
~~~~~  
Call          QSOs   Bonus Score  
1E  
K6LL            2214           6,466    AZ  
AA3B            1324    0    5,296    EPA  
W8CAR           1026           3,942    OH
```

K40AQ                      387                      1,548                      VA

~~~~~  
Call                      QSOs      Bonus   Score  
2A  
W0CQC (QRP)              1746                      14,680              CO  
K9BGL                                           11,300              IL  
N0KK                      3516                      10,723              MN  
K8MAD                      3367      400      10,468              =20  
N9RJV +(K9IIM)              2426      900      8,586              IL  
K0GQ (+ N0LBN )              2423      800      8,464              MO  
N9FH                                           800      8,334              WI  
N=D8SS                      2438      700      7,672              MO  
K7EAR                      2301      700      7,310              AZ  
K3II                      2245      600      7,308              EPA  
WA3SES                      1656      300      6,004              WPA

~~~~~  
Call                      QSOs      Bonus   Score  
2E  
N5XM                      2861                      7,766              AR  
K4JNY                      1712                      3,424              TN

~~~~~  
Call                      QSOs      Bonus   Score  
3A  
W2LV                      3972      1000      12,630              NNJ  
W0GG (+ KC0EDJ)              3975      700      12,548              CO  
N0EA(+KC0DYP)              3329      900      10,558              MO  
W1FY (+ N1L00)              2946      900      9,434              EMA  
NA7ID                      2719      600      7,582              ID  
WA8RCN                      1825      600      7,236              OH  
K6OX                                           7,100              =20  
WB4NJV (+ KF4LQG)                           600      6,646              SFL  
K7ZM                      1861      500      6,102              OR

~~~~~  
Call                      QSOs      Bonus   Score  
3E  
N0NI                      4503                      12,678              IA

~~~~~  
Call                      QSOs      Bonus   Score  
4A  
K4FUN                      2274      1010      8,318              TN

```

~~~~~
Call          QSOs   Bonus Score
5A
W2GD(+K2YSY)   6,569         20,450   NNJ
W8VPV          3079   800     8,376   OH
W4WS (+ KC4WSK) 1661   910     5,344   VA

```

```

~~~~~
Call          QSOs   Bonus Score
6A
K7LED (+KB7RIC) 2107   700     9,306   WWA

```

```

~~~~~
Call          QSOs   Bonus Score
7A
W3AO          9162         26,226   =20

```

```

~~~~~
Call          QSOs   Bonus Score
12A
W6PIY        2,8691,900     9,882   SCV

```

```

~~~~~
Call          QSOs   Bonus Score
20A
KK8M (KB8TAS) 2530 2600    21,045   =20

```

Michael Dinkelman, N7WA  
mwdink@eskimo.com  
Kent, WA

```

--
FAQ on WWW:          http://www.contesting.com/3830faq.html
Submissions:         3830@contesting.com
Administrative requests: 3830-REQUEST@contesting.com
Problems:            owner-3830@contesting.com

```

```

-----
Date: Tue, 6 Jul 1999 10:39:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>

```



Subject: [44408] Glacier/Waterton Hamfest-QRP- (fwd)  
Message-ID: <Pine.LNX.3.95.990706103352.24649B-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

....Good Tuesday morning everyone!....one week tomorrow I'll be heading west to attend the Glacier/Waterton hamfest once again on the weekend of July 16,17,18....I'll be stopping first at Bassano, Alberta to visit Earl, VE6EWM and then we'll head south to Montana the next day for the hamfest.....this is just a reminder to anyone interested that we WILL be having a QRP Get-together on Saturday afternoon starting at 3:30 p.m....Earl, VE6EWM, and I hope to see you all there for a great eyeball time!....of course ALL are welcome!.....72 - Bruce(VE5RC+VE5QRP)

\*\*\*\*\*  
..OK folks....just learned from the Glacier/Waterton Hamfest directors that the QRP Get-together is ON the program and scheduled for Saturday, July 17th, from 3:30pm to 4:30pm....it will probably be held in one of the meeting tents...so bring your goodies for Show & Tell, your tall tales, your true-life adventures and don't forget to bring yourselves as well....hi hi...if anyone wants to add their name to this list please let me know....Jay, WA5WHN, is bringing something for me that I will actually pay him money for and I don't even know what it is!....I guess that's proof that I have "QRP Fever!"....HAR!....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada  
Amateur Radio Stamp Collector "QRP! How sweet it is!"

\*\*\*\*\*  
Here's the latest list of people who have indicated they might be attending the Glacier/Waterton Hamfest, middle weekend of July, and who would like to get together for a QRP chew eyeball which is now going be on the Hamfest Program!...if I've missed anyone please send me an e-mail....

Bill - WA7NWP John - VE6XT Earl - VE6EWM Bruce - VE5QRP  
Roy - AB7CE Geno - NR0NR Don - VE6EY K7YD - Doug  
Vern - N7SPK Jay - WA5WHN & WB5LYJ Lyndel - N7LT Todd - WA7U  
Mal - N7GS

..don't forget everyone to bring a piece or two of qrp equipment and it would be nice to have a discussion on antennas and all the other "secret stuff" that pops a qrp signal through a pileup! Let me emphasize that this will be an INFORMAL get-together....no one's going to stand up and do a formal presentation unless someone has the time to prepare one....if so let me know eh?....initially I plan to do an introduction of everyone and then just guide the what follows using a list of topics such as

antennas, tiny qrp rigs, regular qrp transceivers, Sierra type rigs, the K2, tuners, power for qrp rigs, SOLAR power and so on....

-----  
Date: Tue, 6 Jul 1999 12:57:27 EDT  
From: KB9OCE@aol.com  
To: myetsko@insydesw.com, qrp-1@lehigh.edu  
Subject: [44409] Re: Repost==== Tube QRP Xmitter  
Message-ID: <4e353d2d.24b38f77@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> Hmm, 6th grade, that would have been 1964 at Christmas...

Man, you're OLD! HIHI...Actually we're about the same age Mike. I was born in '54. I never built that kit you mention, but did do quite a few others. Can't recall the brand name, but remember that series of kits that you built in plastic boxes...red bottom, clear lidIf I recall right, they were all AC powered devices. ? I think I built everyone they had...including the combo continuity/tube tester. I remember that one particularly 'cause I remember having a hard time soldering to those small tube socket pins and thinking "Hope it never get's smaller than this". A short time after that, I began wearing glasses. Now I'm fooling around with SMT and the eyes have not gotten any better. Still have my Greymark(?) Shortwave kit that I built. Once in awhile I plug that baby in...still does pretty good considering it's limitations...but then so do I ! Thanks for the memories...

73  
Mike, kb9oce  
Portage, IN

-----  
Date: Tue, 6 Jul 1999 11:03:04 -0600 (CST)  
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
To: Ron Keener <rkeener@realtime.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [44410] Re: grounds  
Message-ID: <Pine.OSF.4.05.9907061101580.2315-1000000@duke.usask.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I has been my experience that if the engine is replaced the grounding strap is not always reconnected.

Brian

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| Do you have any dog shampoo that wasn't tested on animals?           |
+-----+
```

-----

Date: Tue, 06 Jul 1999 17:03:04 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: Dan Wolfe <n4roa@mounet.com>  
Cc: qrp-l@lehigh.edu  
Subject: [44411] Re: SP Contact  
Message-ID: <378236C8.3713@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Dan. What a QS0! It was great to work you during the Spartan Sprint

I heard you work a guy and send your 500 mW. I got stoked and tried to get you.

When you came back to me I wanted to congratulate you on your accomplishment -- VA to CA with 1/2 watt! The last guy you worked sent you some "Wow"'s. I decided we might not have time to finish up the exchange so I jumped right in with the required info.

You won't believe it. I had JUST finished my GM-20 radio. Started

it last week and it didn't work. Finally traced the problem down to having TWO Blown driver transistors. The bias resistor should have been a 100 Kohm but the dim light burnt me. I put in a 10 Kohm and the transistors couldn't take it. at 5PM, right before the contest, I was able to set the RX offset rit and hoped I'd gotten it right. I had to use a Gen. coverage RX and zeroed on a weak station.

The GM-20 worked, but only 1.5 watts. it is rated from 2 to 3 watts with 2.5 watts supposedly easy to get. Gotta replace the substituted FET with the 'real' one and maybe I'll get that. You were my 3rd ever qso on the new GM-20, the other 2 qso's were prior to you during the Spartan Sprint.

The other amazing thing -- My antenna was a 40 meter dipole up about 18 feet with the 40 meter primary lobe East/West. I'm sure the 20 meter lobe was almost North/south. The ends were up only 5 feet and the antenna was between two mobile homes! Talk about a lucky QSO with you! We definitely had a path between us.

My totals weren't the greatest. I spent 1 hour on 20 Meters and netted 3 QSO's. On 40 I got about 7. I left the log at home so can't quote the real numbers...

I was going to send a report like this to qrp-l but am washing two cars with one hose...

72 OB and keep up the great QRPp work!  
-Ed WE6W

Dan Wolfe wrote:

>  
> Howdy Ed,  
<snip>  
> Your signal was fb except for some static crashes. Thats why I  
> had to ask for a repeat on your power. See you on the bands.  
>  
> 72..Dan, N4ROA

--  
-Ed AR Millennium Q's=>900/2000 QRP-L#1068  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

-----  
Date: Tue, 6 Jul 1999 12:05:34 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: <ai2q@ispchannel.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [44412] Re: Jan DL night

Message-ID: <007201bec7d2\$f83699a0\$cc67d6d1@spock>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Alex Mendelsohn <ai2q@ispchannel.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Wednesday, June 30, 1999 2:49 PM

Subject: RE: Jan DL night

>I enjoyed perusing your Web site Bob. I too, just received a QSL card from  
>"yesterday."

>

>NX1F sent me a QSL I had sent to him when he was WB20BF. I's dated 1961!

>

>It's almost spooky to look at my handwriting, and read the comments on the  
>old card. BTW, there was no Zip code in my QTH's address at that time  
>either. Hee. Hee.

>

>Ah, those were the days with my Heathkit AR-3 and AT-1. Sigh.

>

>Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

Hi, Alex/Gang . I have a Heath Kit AR-3 that's in "kinda" working condition. The dual filter cap is going out, and a slight hum can be heard in the speaker. Also, if you touch the chassis, the rig will give you a slight shock. I was thinking about replacing the cap (if I can find one), but I don't know if it would take away from the rig's value.

Anywho, I was wondering if you are anyone else out there knew what the rig was worth? I might want to sell or swap the thing.

73

----

Randy Jouett, AB5NI

-----

Date: Tue, 6 Jul 1999 10:19:23 -0700

From: Gary L Surrency <gsurrency@juno.com>

To: myetsko@insydesw.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [44413] Re: Repost===== Tube QRP Xmitter  
Message-ID: <19990706.102454.-4095309.3.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Mike Yestko wrote:

<I built tube stuff back in 6th (or maybe 5th, but I KNOW it wasn't 7th  
<or later) grade. There was this thing called the "American Basic  
<Science Club". It was I think \$25 to join (a HECK of a lot of money

I also got this series of electronics kits, but didn't remember the name  
until Mike mentioned it. I vividly remember building these kits at age 12  
or 13, and there was even some (horrors!) radioactive material in one of  
the kits for cloud chamber experiments. I was lucky enough to get all of  
the kits.

The regen radio worked pretty well, and helped to encourage me to get  
into ham radio as a result. I had a 200 ft long wire antenna attached to  
the receiver and got lots of SW listening experience.

Yeah, I got a few shocks along the way. But I learned to be more careful  
as a result, too! =8^o

Thanks for the memories, Mike! ;-)

Hey! Do you remember the Johnson Smith catalogs, too?

"Tubes? What are tubes, Daddy?" - My daughter, April, age 6. :-)

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

---

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Tue, 06 Jul 1999 10:32:14 -0700  
From: Norm Melick <henmel@worldnet.att.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [44414] Manuals  
Message-ID: <37823D9E.1BA68A70@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I am attempting to revive my Heathkit IG-5280 and the IG-5282 RF and Audio generators. I didn't get any responses from the Heathkit List, so if someone on this list has the manuals/schematics for these items, I'd really appreciate an off line e-mail.

72,

Norm/KQ6SD

-----  
Date: Tue, 06 Jul 1999 13:32:53 -0400  
From: Scott Howell <whowell@hq.nasa.gov>  
To: qrp-1@lehigh.edu  
Subject: [44415] is there a custom case  
Message-ID: <3.0.5.32.19990706133253.007f83f0@mail.hq.nasa.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

is there a custom case for the new Digital sw 40?

Of course I hope that is the correct name of the rig. Its exact name escapes me at the minute. Must be the horrible heat frying what little brain cells I've got left.

tnx es 72 de Scott/n3byy

-----  
Date: Tue, 06 Jul 1999 13:45:49 -0400  
From: Laura Halliday <lha@sdr.utias.utoronto.ca>  
To: qrp-1@lehigh.edu  
Subject: [44416] Re: Gate-protected 40673's??  
Message-ID: <3.0.6.32.19990706134549.007b2030@madrox>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Newer VHF dual-gate MOSFETs are readily available. My fave is the BF961/981/991, all more-or-less equivalent, though the first two are in a Macro-X package (like MRF901/MAV-11)

while the last is in an SOT-143 package (4 legged SOT-23).

The first two are obsolete but readily available. The last one is current and part of an extensive Philips product line. Follow the links from <http://www.semiconductors.philips.com>

If you really need a metal can TO-18 40673 dual-gate MOSFET you're dependent on NOS transistors, and (IMHO) should reconsider your construction plans. Unless you like building obsolete radios from obsolete components, with the resulting obsolete performance...

FWIW: I buy most of my "European" components from Mainline (+44 116 2777648) and have bought BF961/981s over the counter from Cricklewood (London) and Les Cyclades (Paris - Sod the tower! I want transistors!). Your mileage may vary, of course.

Laura Halliday VA3LDH "Que les nuages soient notre pied  
Grid: FN03gs a terre..." - Hospital/Shafte

-----  
Date: Tue, 6 Jul 1999 13:38:10 -0400  
From: "David Maliniak" <dmaliniak@penton.com>  
To: qrp-l@lehigh.edu  
Cc: njqrp@njqrp.org  
Subject: [44417] A nice surprise  
Message-ID: <852567A6.00617C45.00@mail2.penton.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

I had a nice surprise waiting for me when I got home for lunch today. No, it wasn't my K2. :-(

It was an award certificate for notching the highest score from New Jersey in the QRP ARCI Holiday Homebrew Sprint last December. I know, I was probably the only station from NJ to send in a log.

It's a very nice certificate and certainly was a surprise. Thanks to Steve and Cam for sending it along. I'm anything but a hard-core contester and I don't collect paper, either, but I'll keep this one. If anything, it bears out what we've heard time and again: Send in your log! You never know.

72,  
David N2SMH



Glen Rock, NJ

-----  
Date: Tue, 06 Jul 1999 13:50:12 -0400  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [44418] Re: grounds  
Message-ID: <378241D4.241B@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Jerry W. O'Dell wrote:

> I wonder just how often the engine ground comes loose.  
> Had a friend in high school with a 30 year old car where it  
> happened.

> I'll bet the odds are less than one in a million -- anyone got  
> any data?

It happened to me. The ground usually doesn't fail at the engine block. In my case, I had replaced the battery connector with an after market one, cut the ground wire, inserted it into the new connector and, a few years later, it was no longer making good contact with the battery connector. A second wire, which I would have probably installed at the bolt securing the connector tight, would have probably maintained contact with the battery connector.

The odds of having lightning strike your antenna are similarly low, as are the odds of developing problems in your house electrical system, but there are good and proper precautions to take in either of those two cases.

I will add the the state of some of my cars is legendary, so your mileage may vary. :-)

73,  
Ed Hare, W1RFI

-----  
Date: Tue, 6 Jul 1999 13:54:37 -0400

From: "curt" <k3ivb@stargate.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44419] FS: HW9/PS  
Message-ID: <001c01bec7d8\$9e352920\$83b8a6d1@Curtk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Have a good looking HW9 with matching PS that needs work on both TX and RX,  
and will ship it lower 48 (AS IS) for \$175

Curt  
K3ivb

-----  
Date: Tue, 06 Jul 1999 14:02:56 -0400  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [44420] Re: Publish it\!  
Message-ID: <378244D0.34C8@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Mike Czuhajewski wrote:

> Send it to the QRP Quarterly (I have a natural bias), or to QRPp, or the  
> Low Down, or The Fiver Watter or whatever other QRP journal you prefer, but  
> whatever you do, get it out to the QRP community and let us all benefit  
> from your expertise and experiences. And don't be surprised if someone  
> contacts you later to allow reprinting it in some other QRP journal. (Just  
> don't send the same thing to several different journals at once; that's a  
> universal no-no.)

Consider, too, other amateur magazines (QST, CQ, Antennex, etc.) If you  
have an article that you think will benefit your QRP bretheren and  
sisteren, one of the QRP mags is probably the best choice. But if it is  
an article that you think may interest others in the fun of QRP, a more  
"general interest" magazine is probably the place to publish it. The  
important thing for the QRP community is to get as widespread coverage  
as possible of the positive aspects of QRP, both within the community,  
and with ham radio at large. The context of the aritlle, or your  
"natural bias" will help determine where it best fits. :-)

The most important thing for your personal self is to write it up and get it published. I am not the foremost expert on ANY topic (including RFI), but I have been published a number of times because I was willing to take what I DO know and try to put it into words that those who don't know can learn from. QST and ARRL's book editors managed to take my rather wordy text and turn it into plain English. :-) The feedback I \*have\* received from the experts has either been positive, or has added to my personal knowledge, and given me another friend on whom I can draw when a real expert is needed. That aspect of hams helping hams, through things like this list, or ARRL or ARCI or AMSAT or TAPR or any of a number of similar processes, is what it is really all about. It can all start with you, your keyboard and an email or postage stamp. From there, what you start may take on a life of its own!

73,  
Ed Hare, W1RFI  
ARRL Lab

-----  
Date: Tue, 06 Jul 1999 11:05:53 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: whowell@hq.nasa.gov  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [44421] Re: is there a custom case  
Message-ID: <37824581.2D332B52@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Scott et al,

It doesn't get any more custom than this:  
<http://www.psnw.com/~kd7s/elmer101.html>

Scott Howell wrote:

> is there a custom case for the new Digital sw 40?

--

=====  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s>

=====

-----

Date: Tue, 6 Jul 1999 12:13:43 -0600  
From: Brad Mugleston <bmug@gw1.com>  
To: "'qrp-1'" <qrp-1@lehigh.edu>  
Subject: [44422] QRPP  
Message-ID: <01BEC7A9.00EEC100.bmug@gw1.com>

I just stopped by the Nor-Cal site and noticed Jim had posted that the Spring issue has gone to the press (on that day) and it would be 3 to 4 weeks before they were mailed. Does anyone know what day that was when they went to press?

I'm not getting on anyone's case so no flames please - I know what it's like to run or work for a club (I've been Presidents, Vice-Presidents, Dinner Chairperson and founder of a few clubs so I realize it's all volunteer and runs on it's own schedule) But I'm also a 46 year old kid and getting the QRPP is like Christmas so I'd like to put it on my calendar so I can schedule it in - boy I wish I was in High School again.

Thanks

de KI00T, Brad

When does the FOX run again?

-----

Date: Tue, 6 Jul 1999 14:16:30 -0400  
From: "Alex Mendelsohn" <ai2q@ispchannel.com>  
To: <dafouchey@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44423] RE: Repost==== Tube QRP Xmitter  
Message-ID: <000001bec7db\$ac5b9180\$5c32a7d0@mendelsohn.ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Don't forget the near-infinite current that can be draawn from some 12 V systems though. A car battery discharging through your favorite finger ring can nicely cook your finger!

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----

>

> Oh I don't know, first radios I played around with were the old Kitchen  
> transformer less ones, taught me real quick to keep one hand in my  
> pocket. ....

-----  
Date: Tue, 6 Jul 1999 12:30:04 -0600  
From: "Carl Zmola" <zmola@campbellsci.com>  
To: qrp-1@Lehigh.EDU  
Subject: [44424] Re: Wamt Ten Meter Wire Antenna Suggestions  
Message-ID: <19990706182848121.AAA244@carl-zmola>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

For 10M antenna, feedline is often as important as the radiator.  
RG58 eats up 10M signal quite well. RG8 does much better.  
I'm assuming ladder line does even better.

I was getting better reception on 10M in my car with a small mag  
mount, compared to my friends g5rv. He replaced his 90' run of  
rg58 with RG6 and all of a sudden he could hear.

So be warned that antenna gain can be eaten up fast on 10M.

Carl  
AC7BB

Carl  
zmola@campbellsci.com

-----  
Date: Tue, 06 Jul 1999 13:27:51 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: whowell@hq.nasa.gov  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [44425] Re: is there a custom case  
Message-ID: <37824AA7.8C5F8312@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Scott Howell wrote:

>  
> is there a custom case for the new Digital sw 40?  
>  
> Of course I hope that is the correct name of the rig. Its exact name  
> escapes me at the minute. Must be the horrible heat frying what little  
> brain cells I've got left.  
>  
> tnx es 72 de Scott/n3byy

Scott, I dont know if they are selling it yet but they announced a custom case kit for the DSW 40 when they announecd the basic kit. If its like the SWL 40+ case it should be real nice.

For update check the SWL web site or give Dave Benson a call. He will be able to tell you when they ship. His number is also on the web site. If you dont have web capability, let me know and I will pull it off for you.

73 de Dave, N0IT

-----  
Date: Tue, 6 Jul 1999 14:30:22 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <w1rfi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [44426] Re: grounds  
Message-ID: <027d01bec7dd\$9d41fd40\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Please remember that the battery to engine strap failing is NOT what we are talking about. That happens, although relatively rare.

What is MUCH more common is that the strap and/or connections start exhibiting higher resistance, and starting motor current starts returning elsewhere than through the ground strap.

At what point is it a problem? Well, it's a POTENTIAL problem as soon as it hits milliamp levels, as it won't likely get better on it's own.

I told one individual to take a meter and measure current from the

battery  
post to the engine block while starting. The meter should be a pretty  
good  
low resistance parallel to the engine ground strap. But BE PREPARED!!  
Your vehicle may not be exhibiting ANY problems, but you could  
EASILY have a few amps travel through your meter. TEST IT WITH A  
FUSE ON A HIGH CURRENT SETTING FIRST!

MikeYetsko  
N1DVJ

>Jerry W. O'Dell wrote:  
>  
>> I wonder just how often the engine ground comes loose.  
>> Had a friend in high school with a 30 year old car where it  
>> happened.  
>  
>> I'll bet the odds are less than one in a million -- anyone got  
>> any data?  
>  
>It happened to me. The ground usually doesn't fail at the engine block.  
>In my case, I had replaced the battery connector with an after market  
>one, cut the ground wire, inserted it into the new connector and, a few  
>years later, it was no longer making good contact with the battery  
>connector. A second wire, which I would have probably installed at the  
>bolt securing the connector tight, would have probably maintained  
>contact with the battery connector.  
>  
>The odds of having lightning strike your antenna are similarly low, as  
>are the odds of developing problems in your house electrical system,  
>but  
>there are good and proper precautions to take in either of those two  
>cases.  
>  
>I will add the the state of some of my cars is legendary, so your  
>mileage may vary. :-)  
>  
>73,  
>Ed Hare, W1RFI  
>  
>

-----  
Date: Tue, 06 Jul 1999 15:12:43 EDT  
From: Richard Rood <fcsww@juno.com>  
To: ai2q@ispchannel.com

Cc: qrp-1@Lehigh.EDU  
Subject: [44427] Re: Repost===== Tube QRP Xmitter  
Message-ID: <19990706.151205.5063.1.fcs@juno.com>

On Tue, 6 Jul 1999 14:16:30 -0400 "Alex Mendelsohn" <ai2q@ispchannel.com> writes:

>Don't forget the near-infinite current that can be draawn from some 12  
>V  
>systems though. A car battery discharging through your favorite finger  
>ring  
>can nicely cook your finger!  
>  
>Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.  
>

I recall a pocket full of nicads and coins  
burning a ring finger on a person who  
wouldn't believe it could happen.

---

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Tue, 6 Jul 1999 12:21:14 -0700  
From: "Mike Silva" <mjsilva@jps.net>  
To: <buydens@duke.usask.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [44428] Re: Repost===== Tube QRP Xmitter  
Message-ID: <04c201bec7e4\$b6e849a0\$2c89a9ce@davidb-200.amotusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

There was a whole series of tubes designed for use in car radios that used 12V on both the heaters \*and\* the plates. You can get them dirt cheap since nobody wants them. The only tube type lacking for a receiver is a 12V audio output tube (the car radios used transistors in this stage).

73,  
Mike, KK6GM

>I remember seeing a tube rig on the Norcal page that had ridiculously



>low voltages. It was a Regen. I never built it so I don't know if it  
>works.  
>  
>Brian.

-----  
Date: Tue, 06 Jul 1999 15:42:27 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-l@lehigh.edu  
Subject: [44429] Re: QRP Moonbounce?\\!?! Phooie\\!  
Message-ID: <37825C23.8D6E0C7B@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

July 1999 Mobile Ham p. 127  
Almost QRP--JL1ZCG worked W5UN with 10 watts  
and 26.3 dBi antenna and 1 dB feedline loss Zack W1VT

-----  
Date: Tue, 06 Jul 1999 15:45:46 -0400  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [44430] Re: Handling Chrome Items and Paints  
Message-ID: <3.0.6.32.19990706154546.00798c60@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:13 AM 7/6/99 -0500, you wrote:  
>So, if you have a running store for the athletic types  
>(Run On! is the big store here in Dallas) or other  
>similar store then go in and ask for running gloves.  
>These are white cotton gloves that are thin enough to  
>handle things like the Mercury, Hensley, etc.

Chuck,

Another possible source of thin cotton gloves is a well-stocked  
photographic supply company. Darkroom workers use them when handling  
negatives, to avoid scratches. I haven't bought any in a LONG time, so I  
don't know the price, but it may be an option. Probably some of the  
mega-camera-stores that advertise in the photography mags would seel them

by mail order.

Dave, WD8CIV

P.S. Did you receive the article I sent, or did my ISP swallow it? D.

-----  
Dave Hinerman - WD8CIV

-----  
Date: Tue, 06 Jul 1999 15:46:29 -0400  
From: "Jerry W. O'Dell" <jwodel@ameritech.net>  
To: qrp-l@lehigh.edu  
Subject: [44431] grounds cont  
Message-ID: <19990706194809.RHQ6465@default>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

As I figured, there seems to be no data on this, and, to my mind, hence no real resolution, unless you want to follow othe Al Gore approach to science.

However, I will be \$5 that the automobile industry has standards for ground add-on devices. I have no idea where one would find such thing, but you can bet that it exists somewhere.

With regard to what I've gotten to date: couple of minor ground losses, and that's about it.

I will pose the question. If it's going to cause terrible fires and so on with my rig, why doesn't it burn out parts of the installed car wiring. I can give you the answer:  
I does, very rarely. Whole dash is smoking.

My 2 meter installation has one ground, and that is at the battery. Mag mount antenna, and only the battery ground. I don't think I need a fuse.

The \$5 is waiting for someone who will prove that such does not exist! No anecdotes, just citations, in respected journals.

73 jerry w8gnd (bunkum himself)

Incidentally, in a modern car, where the devil do you find a ground. My car

is  
all plastic inside!

-----  
Date: 6 Jul 99 12:57:56 PDT  
From: Michael Fletcher <kl7ixi@usa.net>  
To: qrp-1@Lehigh.EDU  
Subject: [44432] Re: [Re: is there a custom case]  
Message-ID: <19990706195756.6649.qmail@nwcst294.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

The DSW 40 I saw at the Kennesaw Georgia Ham Fest was in a blue anodized =  
case,  
very similar to the RedHot 40/20. Looked great but I prefer the wooden  
cardfile cased one that I saw on a website. Scratches and wear would only=  
enhance the wooden case.

72,  
Mike KL7IXI/4  
Norcross, GA

-----  
Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>  
1

-----  
Date: Tue, 6 Jul 1999 15:41:02 -0700  
From: w4bws@juno.com  
To: kj5tf@yahoo.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [44433] Re: Want ten meter wire antenna suggestions  
Message-ID: <19990706.160538.-157319.1.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

L.B.Cebik had a ten meter foldable portable loop in  
Ham Radio mag in about 88 or 89 and it probably is  
on his web site and should make a good antenna.

Don W4BWS

On Mon, 5 Jul 1999 20:45:43 -0700 (PDT) Jim Hale <kj5tf@yahoo.com> writes:

>A wire quad is easy to make, and can be done in a  
>tree, or inside. Triangles work just as well as a  
>square quad. And needs less support points - 3 vs 4  
>per element.  
>Another simple wire antenna with gain and directivity  
>over a dipole, is the half square. A person could hang  
>one of these outside an apartment, and hand laundry to  
>dry on it. Hi  
>  
>See a picture on my "tree quad" and construction  
>details for the half square on the Arkansas QRP Club  
>website...  
>OH, my half square has a inverted Vee dipole attached  
>so you get two resonant bands from 1 coax.  
>  
>Check it out...  
>  
><http://members.xoom.com/VLantz/arqrp/ant1.htm>  
>  
>72/3'z de Jim KJ5TF AR QRP #2  
>  
>  
>-----  
>Do You Yahoo!?  
>Get your free @yahoo.com address at <http://mail.yahoo.com>  
>

Don Sanders W4BWS  
694 E. Eau Gallie Blvd  
Satellite Beach ,FL 32937  
My favorite QRP rig glows in the dark

-----  
Date: Tue, 6 Jul 1999 13:31:42 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [44434] Received DC, Logic-switched, Audio-osc Rcvr Schematics.  
Message-ID: <00f701bec7ed\$841c5b20\$cc67d6d1@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ok, folks,

Got the receiver schematics in today, and I have a couple of questions. The first thing I have to do is scan the things, of course. Do most scanning packages support jpeg and gif formats? If not, could someone point me to a package that converts from whatever format they use to gif or jpeg?

What I'd like to do is create a small zip archive of the entire thing (schematics, notes, etc.) and send it off to the people that asked for a copy. I'll be using a friend's scanner, and I don't know what kind of software he's using.

I would really like to save this stuff in gif format in case someone out there wants to put this rcvr on their web page. Any help in this matter will be appreciated!

TIA & 72/73,

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Randy Jouett, AB5NI

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Date: Tue, 06 Jul 1999 16:43:09 -0400  
From: Steven Mann <smann@advi.net>  
To: jwodell@ameritech.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [44435] Re: grounds  
Message-ID: <37826A5C.EBD232D1@advi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Beware of careless mechanics! This type of problem was mentioned on "Car Talk" on PBS.

Steve, N4EY

"Jerry W. O'Dell" wrote:

> I wonder just how often the engine ground comes loose.  
> Had a friend in high school with a 30 year old car where it

> happened.  
>  
> I'll bet the odds are less than one in a million -- anyone got  
> any data?  
>  
> 73 jerry w8gnd

-----  
Date: Tue, 06 Jul 1999 14:47:51 -0600  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [44436] Re: Gate-protected 40673's??  
Message-ID: <37826B77.18CADE82@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

If you can get by with a single gate MOSFET try a 2SK241. These are very popular among Japanese amateurs. I have had such good luck with them that I prefer them over the 2N4416A and J310 JFETS. I can point you to a datasheet and can send you a SPICE model if anyone is interested.

Bruce kk7zz

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Date: Tue, 6 Jul 1999 17:01:18 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <adams@ticnet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [44437] Re: Handling Chrome Items and Paints  
Message-ID: <009e01bec7f2\$c1e25040\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

If you want white cotton gloves, try a uniform store. They are usually still stocked for 'dress' uniforms for police, fire, and military. Sometimes they are stocked in tuxedo and other formal wear stores as well.

Mike Yetsko  
N1DVJ

-----  
Date: Tue, 6 Jul 1999 17:20:01 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <wd8civ@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [44438] Re: Handling Chrome Items and Paints  
Message-ID: <000301bec7f6\$3df80820\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: David Hinerman <wd8civ@worldnet.att.net>

>Another possible source of thin cotton gloves is a well-stocked  
>photographic supply company. Darkroom workers use them when handling

I think those darkroom gloves are overpriced weighing gloves, available at  
lab supply houses. Those things used to be dirt cheap, thin cotton gloves  
to prevent getting fingerprints on things you were weighing (those  
fingerprints can weigh a lot). Back in the dark ages they used to be like  
\$5 a gross - I expect they're a lot more now, but probably still pretty  
cheap.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

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Date: Tue, 6 Jul 1999 15:05:32 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [44439] At the Beach QRP &c  
Message-ID: <19990706.150532.18126.0.nilsbull@juno.com>

Gang,

It turns out that the entire Grand Strand QRP Association is going to be vacationing with the Finnish bikini team next week, so while Cindy & I and the rest of the extended family is sitting beach side soaking up rays, vodka, scenery & QRP QSOs, everyone else will be trying to catch the QRP sigs from Suomi.

Unless they're Sami, which would have them listening from Karakaino or someplace equally nordic.

Me, I'll be plonked around, well, name a frequency & I'll be parked around one of 'em, if you name 'em all & they're isn't any more vodka & I titrate my meds &c. Let's say all the WARC bands on weekends if there's a contest & elsewhere around QRP frequencies when there ain't or it's a weekday or something.

I have one of those marvelous magnetic stickers from the guys at Embedded Resch which has all the QRP frequencies, so at least I'll have prompts for where to go & hide out.

Next week. Starting around 10 July through 19 July or something.

Storms coming. Gotta get the reinsdyr inside before it blows up the computer. Uffda! Hej hej!

73

Nils

. . . og de andre nissene

-----  
Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes  
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com  
"In my day we had to FIGHT to have email! Every day was a struggle!"  
-- Comrade Sergei Nikolaievich

McTovarishov

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Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
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Date: Tue, 06 Jul 1999 16:55:02 -0500  
From: George Huston <hudog@sparc.isl.net>  
To: qrp-L@Lehigh.EDU  
Subject: [44440] Need Simpson 311 & Bell/Howell-Devry VTVM manuals  
Message-ID: <37827B35.711D1851@isl.net>



MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Can anyone help me locate a copy or original manual for a Simpson Model 311 VTVM and Bell / Howell - DeVry transistorized VTVM? I came across these 2 pieces of test equipment, and would like to get them put to good use, particularly the Simpson. However, the DeVry has potential- nice large meter on it that has great potential on the bench. the DeVry had both a 4.5V and 1.5V internal battery supply. Anyone have any thoughts on why that was done?

thanks,

George N0GH

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Date: Tue, 06 Jul 1999 22:16:58 GMT  
From: N3BJ <N3BJ@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [44441] WTB: Kenwood TS-130V  
Message-ID: <199907062216.RAA17239@x36.deja.com>

Wanted: Kenwood TS-130V, QRP version of the TS-130V. Have one already, but looking for another as a spare/parts radio. Non-working units considered. Please let me know what you have.

Alan, N3BJ  
Bent Mountain, VA

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Date: Tue, 6 Jul 1999 18:44:57 -0400  
From: "Bill Legge, NT1R" <wlegge1@maine.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [44442] Test- Do not read.  
Message-ID: <199907062234.SAA24604@proxyb2-atm.maine.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

testBill Legge, NT1R in Yarmouth, ME  
QRP-L #912

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End of QRP-L Digest 1510

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